



*Flying Operations*

**C-17 LOADMASTER CHECKLIST**

This checklist establishes procedures for the operation of C-17 aircraft employed by the Mobility Air Forces (MAF) to accomplish their worldwide missions.

This checklist complements AFI 11-2C-17V3, *C-17 Operations Procedures*, and is printed on standard 8½" x 11" bond paper then trimmed to a unique size (4 ½" x 11") that will fit standard C-17 aircrew checklist binders. Units may request copy of this checklist printed on a water proof based media from the OPR. Printed copies are limited to aircrew for use in-flight and training purposes only.

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**PARACHUTIST BRIEFING**

1. Route, Time, and Weather
  - a. Combat Entry/Exit Checklist Requirements
  - b. In-flight Rigging Requirements
2. Seats and Safety Belts
3. Emergency Procedures Briefed - As Required
  - a. Bailout (Signals and Exits)
  - b. Crash Landing (Signals and Exits)
  - c. Ditching (Signals, Exits, FEDS, Water Survival Equipment)
  - d. Rapid Depressurization
  - e. EPOS
  - f. Fuselage Fire
  - g. Towed Parachutist
4. Smoking
5. Air Sickness
6. Use of Latrine
7. Passenger Operated Electronic Devices
8. Raising Troop Seats During Drops
9. Aircraft Cleanliness

### CABIN ALTITUDE CHECKLIST

Accomplish this checklist before exceeding a cabin altitude of 10,000 feet MSL. The "OXYGEN CHECK" step of the checklist will be accomplished at a cabin altitude of 10,000 and 15,000 feet. At a cabin altitude of 20,000 feet, this step will be accomplished every 15 minutes or with each 5,000 foot increase in altitude, whichever is first, and will be accomplished every 5 minutes above 30,000 feet. The PF initiates the Cabin Altitude Checklist.

1. "CREW, CABIN ALTITUDE CHECKLIST" (PF)  
"ACKNOWLEDGED" (PNF, LM)
2. FWD Loadmaster Station Oxygen System Panel,  
Center Seat and Lavatory Emergency Regulators - OFF
3. HALO/THER Regulator Levers and Pressure Gauge -  
ON and CHECKED (As Required)
4. Oxygen Check - "COMPLETE" (PNF, PF, LM)
  - a. Mask - Fitted
  - b. Regulator - On/Set/Pressure
  - c. Mask/Hose - Connections
5. Loadmaster's Report - "CHECK COMPLETED" (LM)

**PERSONNEL AIRDROP CHECKLIST (page 1 of 2)****PRE-SLOWDOWN CHECKLIST**

1. "CREW, PRE-SLOWDOWN CHECKLIST" (PF)  
"ACKNOWLEDGED" (PNF,LM)
2. Jumpmaster - Alerted
3. Helmet - On
4. Remote Winch Control - As Required
5. Ramp and Door Area - As Required
6. Cargo Compartment Lights - SET
7. ELEC PWR Switch - ON
8. DOOR SYS ARMED Annunciator - Illuminated (As Required)
9. No. 2 HYD PRESS Annunciator - Illuminated (As Required)
10. Jump Platform Lights - AS REQUIRED
11. JUMP SIGNAL DIM Switch - AS REQUIRED
12. Bundle Marker Lights - As Required
13. Parachute/Safety Harness - On
14. Seat Belts - On
15. Red Light - On
16. Loadmaster's Report - "CHECK COMPLETED" (LM)

**SLOWDOWN CHECKLIST**

1. "CREW, SLOWDOWN CHECKLIST" (PF)  
"ACKNOWLEDGED" (PNF, LM)
2. Jumpmaster - Alerted
3. Door(s) - "CLEAR TO OPEN" (PNF)
4. Air Deflector(s)/Troop Door(s) -  
Deployed/Open (As Required)
5. Ramp and Door – Open (As Required)
6. TROOP ARM/DISARM Switch - ARM
7. Parachutist(s)/Paratroop Door Bundle(s) - Positioned  
(As Required)
8. Loadmaster's Report - "CHECK COMPLETED" (LM)

**PERSONNEL AIRDROP CHECKLIST (page 2 of 2)****RELEASE POINT CHECKLIST**

1. Amber Light - On
2. "FIVE, FOUR, THREE, TWO, ONE, GREEN LIGHT" (MC/PNF)
3. Pilot Notified - "LOAD CLEAR" or "MALFUNCTION" (LM)
4. "RED LIGHT" (MC/PNF) - On
5. Jumpmaster - Alerted

**POST DROP CHECKLIST**

Items marked with an \* asterisk are re-accomplished for race tracks.

- \*1. Static Line Retrieval - As Required
2. Ramp and Door - Closed (As Required)
3. Troop Door(s)/Air Deflector(s) - Closed (As Required)
4. Air Deflector(s) - "CLOSED" (LM)
- \*5. Static Line Retriever Cables - As Required
6. HALO Safety Check - As Required
  - a. Jumper(s) Equipment De-Armed - Checked
  - b. Pilot Notified - "HALO SAFETY CHECK COMPLETED" (LM)
7. FWD Loadmaster Station Oxygen System Panel, Center Seat and Lavatory Emergency Regulators - As Required
8. HALO/THER Regulator Levers - As Required
9. Cargo Compartment Lights - As Required
10. Jump Platform Lights - As Required
11. Loadmaster's Report - "CHECK COMPLETED" (LM)

**MALFUNCTION CHECKLIST**

1. Jumpmaster Notified - Stop Remaining Parachutists
2. "RED LIGHT ON" (PNF)
3. CARGO OVERHEAD LIGHT ORIDE Switch - As Required
4. Jumper's Condition/Nature of Malfunction - Pilot Advised
5. Towed Parachutist/Door Bundle - Retrieve/Cut (As Required)
6. Paratroop Retrieval System - Installed (As Required)
7. Accomplish Retrieval - As Required
8. Pilot Notified-"MALFUNCTION CHECKLIST COMPLETE" (LM)

**HEAVY EQUIPMENT AIRDROP CHECKLIST****(page 1 of 4)****PRE-SLOWDOWN CHECKLIST**

1. "CREW, PRE-SLOWDOWN CHECKLIST" (PF)  
"ACKNOWLEDGED" (PNF, LM)
2. Helmet - On
3. Pole Knife - Positioned
4. Item Marker Lights - As Required
5. Cargo Compartment Lights - SET
6. ELEC PWR Switch - ON
7. DOOR SYS ARMED Annunciator - Illuminated
8. No. 2 HYD PRESS Annunciator - Illuminated
9. ADS DROP GP SELECT Rotary Switch - SET
10. ADS LOCK GANG CONTR, L/R LOCK SELECT  
Rotary Switches - SET
11. ADS LOCK STATUS Annunciators - Checked
  - a. Left Locks in Platform(s) - Engaged
  - b. Right Locks in Platform(s) - ARMED
  - c. Locks Between and Aft of Platform(s) - Retracted
12. Parachute/Safety Harness - On
13. Seat Belts - On
14. Red Light - On
15. Drop Group Select - "SET \_\_\_/\_\_\_" (LM)
16. Loadmaster's Report - "CHECK COMPLETED" (LM)

## **HEAVY EQUIPMENT AIRDROP CHECKLIST**

**(Page 2 of 4)**

### **SLOWDOWN CHECKLIST**

1. "CREW, SLOWDOWN CHECKLIST (PF) -  
"ACKNOWLEDGED" (PNF, LM)
2. HOT MIC - ON
3. Door(s) - "CLEAR TO OPEN" (PNF)
4. Ramp and Door -Open
5. Drogue Chute Video System - ON
6. ADS LOCK GANG CONTR, L LOCKS Switch - REL
7. L or R CHUTE ARM Switch - ARMED
8. TOW REL ARM Switch - ARMED
9. ADS ARM Annunciator - Illuminated
10. Loadmaster's Report - "CHECK COMPLETED" (LM)

**HEAVY EQUIPMENT AIRDROP CHECKLIST****(Page 3 of 4)****RELEASE POINT CHECKLIST**

1. Amber Light - ON
2. "DROGUE DEPLOYED" (PNF)
  - a. LEFT/RIGHT DROGUE CHUTE Switch - DEPLOY  
(As Required)

**Accomplish remaining substeps if drogue chute does not deploy.**

- b. Pilot Notified - "MALFUNCTION" (LM)
  - c. HVY EQUIP Malfunction Checklist - Initiated
3. Status of Drogue-"DROGUE OK" or  
"MALFUNCTION" (LM)

**Accomplish substeps for drogue malfunction or "NO DROP".**

- a. DROGUE JETTISON Switch - JETT
  - b. EMERG DROGUE Switch - JETT (As Required)
  - c. "DROGUE JETTISONED" (LM)
  - d. HVY EQUIP Malfunction Checklist - Initiated
4. "FIVE, FOUR, THREE, TWO, ONE,  
GREEN LIGHT" (MC/PNF)
  - a. TOW PLATE Switch - REL (As Required)

**Accomplish remaining substeps if TRM still fails to release.**

- b. Pilot Notified - "MALFUNCTION" (LM)
  - c. DROGUE JETTISON Switch - JETT
  - d. EMERG DROGUE Switch - JETT (As Required)
  - e. "DROGUE JETTISONED" (LM)
  - f. HVY EQUIP Malfunction Checklist - Initiated
5. ADS LOCK GANG CONTR, R LOCKS REL Switch -  
REL (As Required)

**Accomplish substeps if platform still fails to exit.**

- a. Pilot Notified - "MALFUNCTION" (LM)
  - b. HVY EQUIP Malfunction Checklist - Initiated
6. Pilot Notified - "LOAD CLEAR" (LM)
7. "RED LIGHT" (MC/PNF) – ON



**HEAVY EQUIPMENT AIRDROP CHECKLIST****(Page 4 of 4)****POST DROP CHECKLIST**

1. Ramp and Door - Closed
2. HOT MIC - OFF
3. Drogue Parachute Video System - OFF
4. ADS LOCK GANG CONTR, L/R LOCK SELECT Rotary Switches - SAFE
5. ADS DROP GP SELECT Rotary Switch - SAFE
6. Platform(s) - Secured (As Required)
7. Aircraft Equipment - As Required
  - a. TRM Cover - Installed
  - b. Ramp Edge Cover - Stowed
  - c. Rail Bridge Assembly - Stowed
8. Forward Loadmaster Station Oxygen System Panel, Center Seat and Lavatory Emergency Regulators - As Required
9. HALO/THER Regulator Levers - As Required
10. Cargo Compartment Lights - As Required
11. Loadmaster's Report - "CHECK COMPLETED" (LM)

**MALFUNCTION CHECKLIST**

1. "RED LIGHT ON" (PNF)
2. ADS LOCK GANG CONTR, L LOCKS LOCK Switch - LOCK
  - a. ADS GANG LOCK BACKUP Switch - LOCK POSITION AND HOLD 2.5 SECONDS (As Required)
3. Extraction Line - Cut (As Required)
4. Pilot Notified - "MALFUNCTION CHECKLIST COMPLETE"(LM)

**CDS AIRDROP CHECKLIST (page 1 of 2)****PRE-SLOWDOWN CHECKLIST**

1. "CREW, PRE-SLOWDOWN CHECKLIST (PF) -  
"ACKNOWLEDGED" (PNF,LM)
2. Helmet - On
3. Cargo Compartment Lights - Set
4. ELEC PWR Switch - ON
5. DOOR SYS ARMED Annunciator - Illuminated
6. No. 2 HYD PRESS Annunciator - Illuminated
7. CDS GATE SELECT Rotary Switch - SET
8. Remote Winch Control - As Required
9. High Altitude CDS Safety Pin(s) - Removed (As  
Required)
10. Container Marker Lights - As Required
11. Parachute/Safety Harness - On
12. Seat Belts - On
13. Red Light - On
14. Loadmaster's Report - "CHECK COMPLETED" (LM)

**SLOWDOWN CHECKLIST**

1. "CREW, SLOWDOWN CHECKLIST" (PF) -  
"ACKNOWLEDGED" (PNF,LM)
2. HOT MIC - ON
3. Door(s) - "CLEAR TO OPEN" (PNF)
4. Ramp And Door - Open
5. CDS ARM Switch - ARM
6. ADS ARM Annunciator - As Required
7. Loadmaster's Report - "CHECK COMPLETED" (LM)

**CDS AIRDROP CHECKLIST (page 2 of 2)****RELEASE POINT CHECKLIST**

1. Amber Light - On
2. "FIVE, FOUR, THREE, TWO, ONE, GREEN LIGHT" (MC/PNF)
  - a. ADS BACKUP CDS Switch - REL (As Required)
3. Pilot Notified - "LOAD CLEAR" or "MALFUNCTION" (LM)
4. "RED LIGHT" (MC/PNF) - On

**POST DROP CHECKLIST**

1. Static Line Retrieval - As Required
2. Ramp and Door - Closed
3. HOT MIC - OFF
4. CDS GATE SELECT Switch - SAFE
5. Forward Loadmaster Station Oxygen System Panel, Center Seat and Lavatory Emergency Regulators - As Required.
6. HALO/THER Regulator Levers - As Required
7. Cargo Compartment Lights - As Required
8. Loadmaster's Report - "CHECK COMPLETED" (LM)

**CDS MALFUNCTION CHECKLIST**

1. "RED LIGHT ON" (PNF)
2. Static Line Retrieval - As Required
3. Ramp and Door - Closed
4. Containers - Secured
5. Pilot Notified - "MALFUNCTION CHECKLIST COMPLETE" (LM)